

## **TCT** THAI CENTER TRANSFORMER CO.,LTD SPECIFICSTION THREE PHASE TRANSFORMER

Address: 67 / 1 Moo. 7 T. Bangkam A. Maung Nakonpathom 73000

Tel. 081 - 8054856, 034 - 219036 Fax 034 - 984092 http://www.thaicentertransformer.com e - mail: thaicenter671@hotmail.com

Transformer Specification

Quote. Ref: Customer: Project:

Project :			
Rated power		KVA	1600
Type of transformer		-	Oil immersed (CONSERVATOR TANK)
Standard		-	IEC 76
Cooling System		-	ONAN
No. Of phase		-	3
Frequency		Hz	50
Rate of voltage : Primary : Secondary		V.	22000
		V.	400/230
Vector group		-	Dyn 11
Tapping Typ	е	-	Off Circuit Tap Changer
No.	of steps	-	5
Pero	centage of tapping	-	<u>+</u> 2 x 2.5 %
Impedance voltage at 75 C		%	6
NO - Load current		%	1.49
Ambient temperature		c	40
Average Temperature rise of winding		C	65
Average Temperature rise of top oil		c	60
Noise level not more than		dB	56
No - Load loss		Watt	1880
Load loss at 75 C		Watt	18600
	: 25 % of rate power	%	98.94
Efficiency	: 50 % of rate power	%	98.08
at P.F. = 1	: 75 % of rate power	%	98.79
	: $100 \%$ of rate power	%	98.56
Voltage regulation	: at P.F. = 0.8	%	3.22
	: at P.F. $= 0.9$	%	2.71
	: at P.F. $= 1$ .	%	1.17
Impulse Withstand	: Primary winding	KV.	125
Voltage	: Secondary winding	KV.	-
Power Frequency	: Primary winding	KV.	50
	: Secondary winding	KV.	3
Terminal arrangement H.V. Side			Cable
	L.V. Side		Cable
Installation on			Pole mounted / Plantform

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Transformer Specification

Quote. Ref:
Customer:
Project:

Rated power	1600 Oil immersed ( CONSERVATOR TANK)
Type of transformer	
Accessories	
H.V. Bushing with terminal connector	Included
L.V. Bushing with terminal connector	Included
Grounding pad or earth terminal	Included
upper fillter press sampling valve	Included
Oil drain, filter press sampling valve	Included
Name plate	Included
Arcing Horn	Included
Skid Base	Included
Mechanical pressure relief device	Included ( without contact )
Oil level indicator	Included ( with contact )
	Included ( with contact )
	Included ( with contact )
Testing	
- Routine test	
Ratio test at each position of tap	Included
Polarity and phase relation test	Included
Resistance measurement	Included
No - Load loss and exciting current test	Included
Impedance and load loss test	Included
Applied potential test	Included
Induced potential test	Included
Insulation resistance test	Included
Oil test	Included
- Specia test	
Impulse withstand test	Included ( Thaicenter lab )
	Included ( Thaicenter lab )

